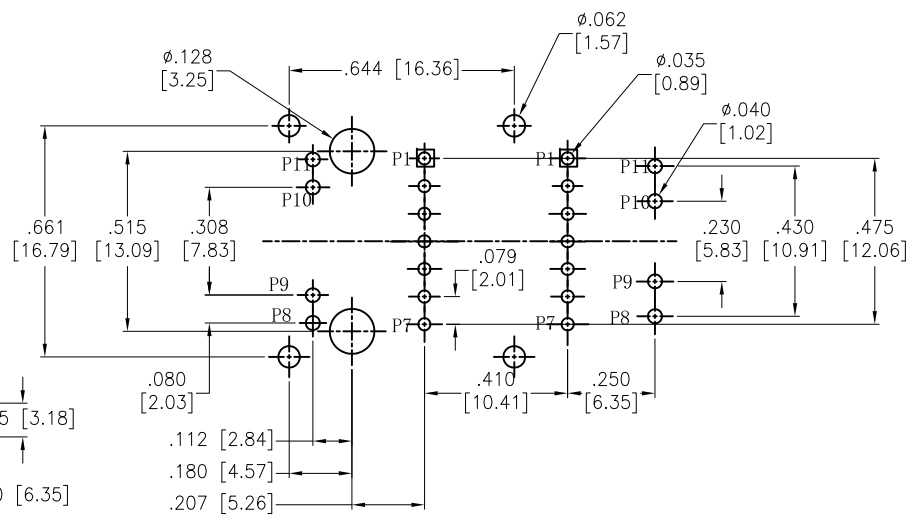
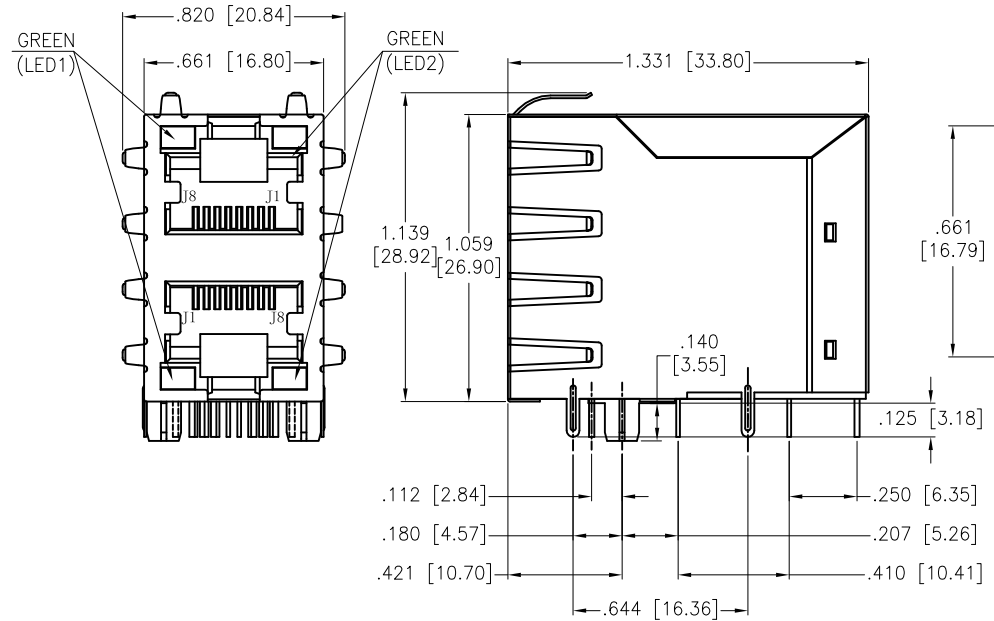
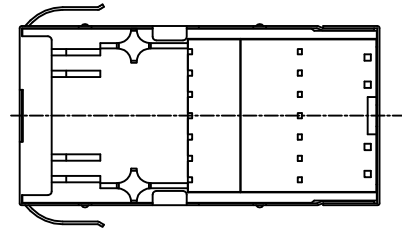


APPROVED: _____
 DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	6/21/18	



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:
 Housing: PA66, rated UL 94V-0
 Housing Color: Black
 Inserter: PBT, rated UL 94V-0
 Inserter Color: Black
 Contacts: Copper Alloy
 Shield: Brass, Nickel plated
 Plating:
 Round contact
 Gold over Nickel underplate overall
 Flat contact
 Gold over Nickel underplate on contact area,
 Tin over Nickel underplate on solder tails
 Electrical:
 Voltage rating: 150 VAC
 Contact Resistance: 20 mohms max
 Insulation resistance: 500 Mohms min
 Dielectric withstanding voltage: 1500 VAC or 2250 VDC
 Temperature Rating:
 Operating temperature: -40°C to +85°C
 Environmental:
 Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM] TOLERANCES: EXCEPT AS NOTED		
INCHES		HOLES
.X ± .10	Ø.X ± .10	
.XX ± .020	Ø.XX ± .015	
.XXX ± .015	Ø.XXX ± .010	
APPROVALS		DATE
DRAWN	AY	6/21/18
CHECKED	LW	6/21/18
APPROVED		



TITLE MODULAR JACK GANGED, 2 PORT, 8P8C W/ LED1 GREEN, LED2 GREEN		
SIZE X	PART NO. MTJG-2-88QX1-FSG-PG-LD-M307C1-WOT	REV. -
REF: S00005C	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

2

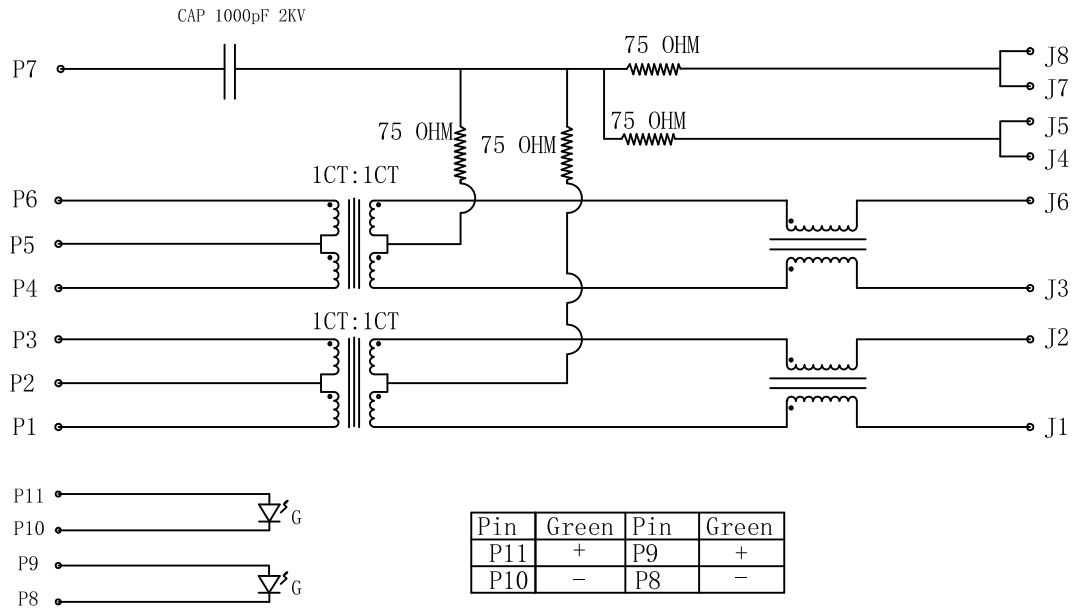
1

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-----	-------	-------------	------	------

SEE SHT 1 OF 2 FOR REVISION



Pin	Green	Pin	Green
P11	+	P9	+
P10	-	P8	-

Electronical Specifications:

- Turn Ratio @100KHz: (P1~P3):(J1~J2) = 1:1±5%
(P4~P6):(J3~J6) = 1:1±5%
- Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- Insertion Loss: 1-100MHz -1.2dB MAX
- Return Loss: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB MIN
- CROSS TALK: 1-100MHz -30dB MIN
- COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED
INCHES HOLES

.X ± .10	Ø.X ± .10
.XX ± .020	Ø.XX ± .015
.XXX ± .015	Ø.XXX ± .010



TITLE
MODULAR JACK GANGED, 2 PORT, 8P8C
W/ LED1 GREEN, LED2 GREEN

APPROVALS		DATE
DRAWN	AY	6/21/18
CHECKED	LW	6/21/18
APPROVED		

SIZE	PART NO.	REV.
X	MTJG-2-88QX1-FSG-PG-LD-M307C1-WOT	-
REF:	S00005C	SCALE: NTS
		SHEET 2 OF 2

6

5

4

3

2

1